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### (54) SYSTEM FOR POSITIONING END OF PATCH CODE

#### (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a system for positioning the corresponding end of a patch cord used for transmitting a signal between a first plug socket and a second plug socket.

**SOLUTION:** The system is provided with a cable 104 and has a main signal transmission means and a pair of conductive members extending along the length of the cable. A first connector 106 is fitted to one end of the cable 104 and a second connector 106 is fitted to the other end of the cable. The first and second connectors 106 are matched with the first and second plug sockets 38 in such a way that they can be removed. The first connector 106 has a pair of related lead wires, the respective lead wires are connected to one con-

ductive material and they correspond each other. An electric indicator is fitted to the first plug socket 38. When the first connector 106 is matched with the first plug socket 38, it is electrically connected to a pair of lead wires.

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